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File: PGPB

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DOCUMENT-IDENTIFIER: US 20040158383 A1

TITLE: Control system for cylinder cut-off internal combustion engine

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20040158383Detail Description Paragraph:

[0036] A throttle valve 22 is disposed on an intake pipe 20 of the engine 10 to adjust the amount of intake air. The throttle valve 22 is connected to an electric motor 24 such that the mechanical coupling with the accelerator pedal is severed, and is driven by the electric motor 24 to open and close. A throttle position sensor 26 is provided in the vicinity of the electric motor 24 and outputs a signal corresponding to the position or opening (to be referred to as "throttle opening" below)  $\theta_{TH}$  of the throttle valve 22 in accordance with the amount of rotation of the electric motor 24.

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